

# FUEL & TILT TABLE EVENT DESCRIPTION

Event Captains: **Fuel – Janice Hueske, Herb Seubert & Mike Thodoroff**  
**Tilt – Mark Scott, Josh Poissant & Herb Seubert**  
**Fuel Efficiency – Alba Colon & Mark Scott**

Dates/Times:	Fuel Station:	Thurs.	8:30 a.m. until 5:00 p.m.
		Fri.	8:00 a.m. until 5:00 p.m.
		Sat.	7:30 a.m. until 5:00 p.m.
	Tilt Table:	Thurs.	9:00 a.m. until 5:00 p.m.
		Friday	9:00 a.m. to 5:30 p.m.

Location:	Fuel Station:	Next to Tilt across from G3
	Tilt Table:	In between Fuel and Noise.

## Description:

The required octane must be permanently identified on every vehicle, nearby the fuel filler cap, so that it is visible and legible at all times when filling the vehicle with fuel (octane stickers can be obtained at tech or the fuel station). Note: no vehicle will be provided with fuel until it has passed tech inspection. The first portion of a four-part sticker will be applied in a location near the front of the vehicle upon passing tech.

## Follow specific safety guidelines while in the fueling area:

- Engines and all electronics must be **shut down and** turned off; cars are to be pushed to and from fueling.
- Only the vehicle push crew and the driver can enter the fueling station. **All must have dynamic passes at each visit.**
- Only the driver, in the complete driving gear, with a full and completely functional fire extinguisher in hand, is permitted in the area as fuel is dispensed.
- A Permanent line mark must be used to indicate the “full” level per Formula SAE rule IC2.6.6. **NO TAPE OR ZIPTIES**
- Tank is to be filled to this level each time fuel is received.
- Fuel station must update the tech sheet before vehicle proceeds to tilt. Tilt will not accept vehicles with a tech sheet lacking fuel information.

The first time a vehicle is fueled, it must proceed directly (with engine off) to the tilt table. The vehicle will be placed on the table with the tallest driver aboard fully suited, helmet buckled, gloves and all safety restraints secured. The vehicle **MUST** be oriented such that the fuel fill side is placed against the guard of the tilt table with tires tight to the rail which is most likely to create spillage. The table will then be tilted to an angle of 45 degrees. There must be no fuel (or any fluid) leakage at this angle. If the vehicle passes this test, the angle is increased to 60 degrees. This angle represents a cornering force of 1.5 G's. The upper wheels must remain in contact with the table for the vehicle to pass. The person in charge at the tilt table must sign off an inspection form, which travels with the car. A second sticker is applied (on the car) next to the first to indicate passing the tilt table test. The vehicle is now free to proceed to the Noise area. Should the vehicle fail at either of the two angles, the car must be repaired & re-tested.

**Vehicles may be forced to return to tech inspection for re-certification at the discretion of the fuel station officials. This may be due to inability to provide a consistent fuel fill, or due to a safety concern with the functional operation of the fuel system.**

## Safety guidelines for the tilt area

- Engines off; push car on & off table. Take care to avoid damage to vehicle when pushed on and off tilt table.
- Affix the safety strap to prevent vehicle from excessive lift while on table. Allow a little slack.
- Be sure table is clear before raising and especially when lowering. Inform people in area when raising or lowering (e.g. “Coming Down”).
- Use absorbent material to soak up leaks. (May be obtained at fuel station).
- Keep a full and completely functional fire extinguisher handy.